M.SOUNDARYA

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OBJECTIVE

To secure a challenging position in a reputable organization to extend my learning, knowledge, and skills.

ACADEMICQUALIFICATION

DEGREE	INSTITUTION	YEAROF PASSING	PERCENTAGE
M.E(CSE)	Velammal College of Engineering andTechnology Viraganoor Madurai-625009	**2022**	**8.78 (First Class with Distinction)**
B.E(CSE)	Velammal College of Engineering andTechnology Viraganoor Madurai-625009	**2020**	**7.77 (First Class)**
HSC	C.E.O.A Matriculation Higher Secondary School Kosakulam Madurai-625017	**2016**	**94.33**
SSLC	St.Mary of Leuca Matriculation Higher Secondary School Kochadai Madurai-625016	**2014**	**96.6**

Experience in Years: 2 Years

Employment History:
Assistant Professor at Velammal College of Engineering and Technology.

Interested Research Areas:
- Machine Learning
- Artificial Intelligence
- Data Base Management Systems

Handled Subjects:
- Software Engineering
- Mobile Computing
- Cryptography and Network Security
- Cyber Security Essentials
- Object Oriented Analysis and Design

Course Certifications:
- Completed NPTEL Online Certification course Joy of Computing using Python with Elite certificate percentage of 63%.
- Completed Mastering Algorithms: Analysis and Application course in Udemy on 07.05.2024
- Completed ChatGPT online course from GUVI on 27.07.2023

Faculty Development Program Certifications:
- Attended FDP on "Real Time Automation Solutions using AI" conducted by Hindusthan College of Engineering and Technology from 19.06.2023 to 23.06.2023
- Attended FDP on "Celonis Process Mining using Execution Management System" by ICT Academy from 20.06.2023 to 22.06.2023
- Attended FDP on "Cloud Infrastructures(AWS)" conducted by Sri Krishna College of Engineering and Technology from 21.08.2023 to 25.08.2023
- Attended FDP on "Innovative Teaching and Learning Pedagogies" conducted by Sathyabama Institute of Science and Technology from 04.10.2023 to 11.10.2023
- Attended FDP on "Web Development Using Django" conducted by Kamaraj College of Engineering and Technology from 05.08.2024 to 09.08.2024
- Attended FDP on "Microsoft Power BI Data Analyst Associate" conducted by ICT Academy from 18.12.2023 to 22.12.2023
- Attended FDP on "Recent Trends in Computing 4.0" conducted by Vishwakarma Institute of Technology from 08.07.2024 to 13.07.2024

Publications:
1. **International Conference Details**
- Paper titled " Smart Driving Alert System using MT-CNN" has been published in 6th IFIP TC 12 International Conference, ICCIDS 2023, Chennai, India, February 23–25, 2023
- Paper titled ""Deep Flower: A Deep Learning Approach for Accurate Flower Classification," has been published in 2024 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI), Chennai, India, 2024, pp. 1-9, doi: 10.1109/ACCAI61061.2024.10602375.

- Paper titled "Sign Language Recognition Using Machine Learning," has been published in 2024 International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI), Chennai, India, 2024, pp. 1-7, doi: 10.1109/ACCAI61061.2024.10602025.
- Paper titled "DeepHeart: Leveraging Multitask Convolutional Neural Networks for Cardiovascular Risk Assessment," has been published 2024 2nd International Conference on Sustainable Computing and Smart Systems (ICSCSS), Coimbatore, India, 2024, pp. 1410-1416, doi: 10.1109/ICSCSS60660.2024.10625241.
- Paper titled ""Improving the Precise Identification of Animal Species through the use of Vision Transformers," 2024 3rd International Conference on Automation, Computing and Renewable Systems (ICACRS), Pudukkottai, India, 2024, pp. 1287-1293, doi: 10.1109/ICACRS62842.2024.10841612.
- Paper titled ""Automated Medicinal Plant Recognition Using Capsule Networks," 2024 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES), Chennai, India, 2024, pp. 1-6, doi: 10.1109/ICSES63760.2024.10910792.
- Paper titled " "Predictive Analysis of Skin Type and Personalized Acid Recommendations for Effective Skin Care Using ResNet-50," 2024 4th International Conference on Ubiquitous Computing and Intelligent Information Systems (ICUIS), Gobichettipalayam, India, 2024, pp. 786-791, doi: 10.1109/ICUIS64676.2024.10867123.
- Paper titled ""Machine Learning Approaches for Insect Species Recognition using Pyramid Vision Transformer," 2025 International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics (IITCEE), Bangalore, India, 2025, pp. 1-6, doi: 10.1109/IITCEE64140.2025.10915379.

2. **Book Chapter Publication Details**

- Published a book chapter titled " AI in Tourism" in the Book Advancing Smart Tourism through Analytics by IGI Global Publisher on November 2024
- Published a book chapter titled " Speech Emotion Recognition for Dialog Systems" in the Book Ambient Assisted Living Technologies by CRC Press on January 2025

PERSONALPROFILE
- **Father Name** : J.Mariya Jeyaraj
- **Date of Birth** : 15.04.1999
- **Language Known :** Tamil, English

Place: Madurai

Date: 01.04.2025 **[M.SOUNDARYA]**